INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/000727

A.	CLASSIFICATION	OF	SUBJECT	MATTER
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IPC7 B01D 46/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B01D 46/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) KIPASS, PAI, USPTO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Α	US 5,753,000 A (Honeywell Consumer Products, Inc.) 19 May 1998 See the whole document	1-10
Α	US 3,934,990 A (Stratoflex, Inc.) 27 Jan. 1976 See the whole document	1-10
Α	JP 8-131150 A (Kansei Corp.) 28 MAY 1996 See the whole document	1-10
A	JP 2001-205025 A (TOSHIN SERVICE:KK) 31 Jul. 2001 See abstract and claims 1-3	1-10

1	Further	documents	are	listed in	the	continuation	of Box	C.
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See patent family annex.

- Special categories of cited documents:
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

13 DECEMBER 2004 (13.12.2004)

Date of mailing of the international search report

16 DECEMBER 2004 (16.12.2004)

Name and mailing address of the ISA/KR



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